

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT**

Applicant:	Taro IMAGAWA, et al.	Docket No.:	29288.1300
Patent No.:	7,130,487	Serial No.:	09/868,554
Issue Date::	October 31, 2006	Filing Date:	September 14, 2001
Title:	RETRIEVAL METHOD, RETRIEVAL DEVICE AND RECORDING MEDIUM	Confirmation No.:	1530

**REQUEST FOR CERTIFICATE OF CORRECTION**  
**UNDER 37 C.F.R. §§ 1.322 AND 1.323**

Attn: Certificate of Correction Branch  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

Pursuant to 37 C.F.R. §§1.322 and 1.323, Patentee hereby requests a Certificate of Correction be issued to correct errors in the title of the issued patent. In accordance with the provisions of 37 C.F.R. §§1.322 and 1.323 of the Rules of Practice, approval of the attached Certificate of Correction for the above-identified patent is requested.

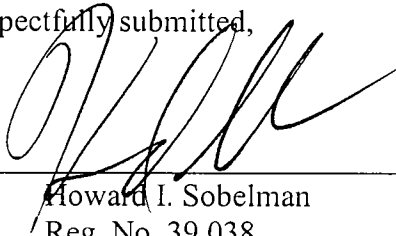
The title of the application as stated on the Notice of Allowance, Official Filing Receipt and signed declaration of the inventors (a copy of each is attached) is "RETRIEVAL METHOD, RETRIEVAL DEVICE AND RECORDING MEDIUM", however the patent has issued with the title of "SEARCHING METHOD, SEARCHING DEVICE AND RECORDED MEDIUM."

If appropriate under the provisions of C.F.R. §§1.323 and 1.20(a), the Commissioner is hereby authorized to debit the fee in the amount of \$100.00 for the Certificate of Correction to Deposit Account No. 19-2814. If it is found that there is a deficiency or overage in the fee that is due, the Commissioner is hereby authorized to debit or credit Deposit Account No. 19-2814 and is asked to advise the undersigned accordingly.

If there are any questions or unresolved issues, the undersigned would welcome a telephone call to the number shown below.

Date: 2/21/07

Respectfully submitted,

By   
Howard I. Sobelman  
Reg. No. 39,038

**SNELL & WILMER L.L.P.**  
One Arizona Center  
400 East Van Buren  
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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 1 of 1

PATENT NO. : 7,130,487

APPLICATION NO.: 09/868,554

ISSUE DATE : October 31, 2006

INVENTOR(S) : Taro IMAGAWA, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The title of this patent should read: "RETRIEVAL METHOD, RETRIEVAL DEVICE, AND RECORDING MEDIUM"

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Howard I Sobelman, Snell & Wilmer L.L.P.  
One Arizona Center, 400 E. Van Buren Street  
Phoenix, AZ 85004-2202

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

## Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
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3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.



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UNITED STATES DEPARTMENT OF COMMERCE  
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NOTICE OF ALLOWANCE AND FEE(S) DUE

20322 **SHS** 7590  
SNELL & WILMER  
ONE ARIZONA CENTER  
400 EAST VAN BUREN  
PHOENIX, AZ 85004-2202

05/18/2006

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MAY 23 2006

SNELL & WILMER

EXAMINER

DESIRE, GREGORY M

ART UNIT

PAPER NUMBER

2624

DATE MAILED: 05/18/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/868,554	09/14/2001	Taro Imagawa	29288.1300	1530

TITLE OF INVENTION: RETRIEVAL METHOD, RETRIEVAL DEVICE, AND RECORDING MEDIUM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	08/18/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

SN

APR 10 2006



## UNITED STATES PATENT AND TRADEMARK OFFICE

SNELL &amp; WILMER

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
09/868,554 ✓	09/14/2001 ✓	2624 ✓	1488	29288.1300 ✓	20	21	9

CONFIRMATION NO. 1530

## FILING RECEIPT



\*OC000000018447939\*

20322 SHS  
 SNELL & WILMER  
 ONE ARIZONA CENTER  
 400 EAST VAN BUREN  
 PHOENIX, AZ 850040001

Date Mailed: 04/04/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Taro Imagawa, Hirakata, JAPAN; ✓  
 Yoshihiko Matsukawa, Ikoma, JAPAN; ✓  
 Kenji Kondo, Hirakata, JAPAN; ✓  
 Tsuyoshi Mekata, Katano, JAPAN; ✓

## Power of Attorney:

Michael Kelly--32848

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP99/07050 12/15/1999 ✓

## Foreign Applications

JAPAN 10/355657 12/15/1998  
 JAPAN 11/238053 08/25/1999

If Required, Foreign Filing License Granted: 04/03/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US09/868,554**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Noted for reprint. &amp; verified ✓✓

**Early Publication Request:** No

**Title**

Retrieval method, retrieval device, and recording medium ✓

**Preliminary Class**

382

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

### LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

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date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12/97)  
Approved for use through 9/30/00, OMB 0651-0032  
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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> <b>(37 CFR 1.63).</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing      OR <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)	Attorney Docket Number	29288.1300
	First Named Inventor	Taro IMAGAWA
	<b>COMPLETE IF KNOWN</b>	
	Application Number	09/868,554
	Filing Date	June 14, 2001
	Group Art Unit	To be assigned
	Examiner Name	To be assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**RETRIEVAL METHOD, RETRIEVAL DEVICE, AND RECORDING MEDIUM**

the specification of which

(Title of the invention)

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY)

June 14, 2001

as United States Application Number or PCT International

Application Number 09/868,554

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above:

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
PCT/JP99/07050	PCT	12/15/1999	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10-355657	Japan	12/15/1998	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11-238053	Japan	08/25/1999	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

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## DECLARATION ---- Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/JP99/07050	12/15/1999	

☐ Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transmit all business in the Patent and Trademark Office connected therewith:

☒ Customer Number

20322

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Number Bar Code  
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☐ OR

Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:

☒

Customer Number  
or Bar Code Label

20322

OR

☒

Correspondence address below

Name	Michael K. Kelly						
Address	SNELL & WILMER, LLP						
Address	One Arizona Center, 400 E. Van Buren Street						
City	Phoenix	State	AZ	ZIP	85004-2202		
Country	USA	Telephone	602-382-6291		Fax	602-382-6070	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Taro				IMAGAWA			
Inventor's Signature	<i>Taro Imagawa</i>				Date	8/9/2001	
Residence: City	Hirakata	State		Country	Japan	Citizenship	Japan
Post Office Address	1-9-5-102, Nasuzukuri, Hirakata-shi, Osaka Japan						
Post Office Address							
City	Hirakata	State		ZIP	573-0071	Country	Japan
<input checked="" type="checkbox"/> Additional inventors are being named on the <u>1</u> supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached							

Please type a plus sign (+) inside this box → ☐

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet Page <u>1</u> of <u>1</u>
--------------------	--

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Yoshihiko				MATSUKAWA			
Inventor's Signature	<i>Yoshihiko Matsukawa</i>					Date	8/9/2001
Residence: City	Ikoma	State		Country	Japan	Citizenship	Japan
Post Office Address	3-207-225, Higashiikoma, Ikoma-shi, Nara Japan						
Post Office Address							
City	Ikoma	State		ZIP	630-0213	Country	Japan
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Kenji				KONDO			
Inventor's Signature	<i>Kenji Kondo</i>					Date	8/9/2001
Residence: City	Hirakata	State		Country	Japan	Citizenship	Japan
Post Office Address	46-3-301, Yamadaikehigashimachi, Hirakata-shi, Osaka Japan						
Post Office Address							
City	Hirakata	State		ZIP	573-0165	Country	Japan
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Tsuyoshi				MEKATA			
Inventor's Signature	<i>Tsuyoshi Mekata</i>					Date	8/9/2001
Residence: City	Katano	State		Country	Japan	Citizenship	Japan
Post Office Address	8-18-16, Kisabe, Katano-shi, Osaka Japan						
Post Office Address							
City	Katano	State		ZIP	576-0052	Country	Japan